

Amendments to the Claims:

This listing of claims will replace all prior versions and listing of claims in the application.

Listing of Claims:

1-6. (canceled).

7. (currently amended) An automatic analyzer for analyzing analysis items corresponding to physical properties of a specimen comprising:
an analyzing unit for analyzing the physical properties of said specimen;
a reaction vessel for storing containing a liquid containing including said specimen and a reagent corresponding to an analysis item of said specimen,
a first acoustic wave generation means installed for generating an acoustic wave located laterally outside of said reaction vessel for irradiating an acoustic wave toward said reaction vessel,
a second acoustic wave generation means for generating a lower acoustic wave which is irradiated for irradiating a lower acoustic wave from a bottom of the reaction vessel towards a liquid level of said liquid so as to raise a part of said liquid level by an acoustic radiation pressure of said lower acoustic wave, and
a control means for controlling a position for irradiation of the acoustic wave by said first acoustic wave generating means for generating an acoustic wave according to said liquid level,
wherein said part of the liquid level raised by said acoustic wave from said second acoustic wave generation means for generating a lower acoustic wave is

irradiated with the said acoustic wave from said first acoustic wave generation means for generating an acoustic wave by controlling said position of the acoustic wave irradiated from said first means for generating an acoustic wave.

8. (currently amended) An automatic analyzer according to claim 7, further comprising a storage means for storing the acoustic wave irradiation position of the acoustic wave irradiated from said first means for generating an acoustic wave in an associated format for a plurality of analysis items,

wherein said control means refers to stored data in said storage means to determine the irradiation position of the acoustic wave irradiated from said first means for generating an acoustic wave in conformance to each analysis item.

9. (currently amended) An automatic analyzer according to claim 7, further comprising a storage means for storing an amount of specimen and reagent required for a plurality of analysis items in an associated format,

wherein said control means refers to stored data in said storage means to calculate the liquid level of the specimen and reagent inside contained in the reaction vessel in conformance to each analysis item to be analyzed, and to determine the irradiation position of the acoustic wave irradiated from said first means for generating an acoustic wave according to the calculated liquid level.

10. (currently amended) An automatic analyzer according to claim 7, further comprising a receiving means for receiving the a command on the position for

irradiation of the acoustic wave[[s]]-by irradiated from said first acoustic wave generating means for generating an acoustic wave,

wherein said control means determines the irradiation position of the acoustic wave irradiated from said first means for generating an acoustic wave according to the command received by said receiving means.

11. (currently amended) An automatic analyzer for analyzing analysis items corresponding to physical properties of a specimen comprising:

an analyzing unit for analyzing the physical properties of said specimen,
a reaction vessel for containing a liquid including containing an analysis item of said specimen and a reagent corresponding to an analysis item of said specimen,
a first acoustic wave generation means for generating an acoustic wave which is irradiated installed outside of said reaction vessel for irradiating an acoustic wave toward said reaction vessel,

a second acoustic wave generation means for generating a lower acoustic wave which is irradiated for irradiating a lower acoustic wave from a bottom of the reaction vessel towards a liquid level of said analysis item liquid so as to raise a part of said liquid level by an acoustic radiation pressure of said lower acoustic wave, and
a control means for controlling an angle for irradiation of the acoustic wave by said first acoustic wave generating second means for generating a lower acoustic wave according to [[a]] said liquid level of said analysis item,

wherein said part of the liquid level raised by said acoustic wave from said second acoustic wave generation means for generating a lower acoustic wave is

irradiated with the said acoustic wave from said first acoustic wave generation means for generating an acoustic wave by controlling said angle of said second means for generating a lower acoustic wave.

12. (currently amended) An automatic analyzer according to claim 7, further comprising a storage means for storing the acoustic wave irradiation intensity of the acoustic wave irradiated from said first means for generating an acoustic wave in an associated format for a plurality of analysis items,

wherein said control means refers to stored data in said storage means to determine the irradiation intensity of the acoustic wave generated from said first means for generating an acoustic wave in conformance to each analysis item.

13. (currently amended) An automatic analyzer according to claim 7, further comprising a storage means for storing the acoustic wave irradiation intensity of the acoustic wave irradiated from said first means for generating an acoustic wave in an associated format for a plurality of reagent information corresponding to a plurality of analysis items, respectively,

wherein said control means refers to stored data in said storage means to determine the irradiation intensity of the acoustic wave irradiated from said first means for generating an acoustic wave in conformance to the reagent to be analyzed.

14. (currently amended) An automatic analyzer according to claim 7, further comprising a reading means for reading ~~the information on acoustic wave irradiation intensity of the acoustic wave irradiated from said first means for generating an acoustic wave recorded in on a reagent bottle containing the reagent before it is~~ poured into said reaction vessel,

wherein said control means refers to the reading of said information by said reading means to determine irradiation intensity of the acoustic wave irradiated from said first means for generating an acoustic wave in conformance to the reagent.

15. (currently amended) An automatic analyzer according to claim 7, further comprising a receiving means for receiving ~~the-a command on the intensity for irradiation of the acoustic wave[[s]] by irradiated from said first acoustic-wave generating means for generating an acoustic wave,~~ wherein said control means determines the irradiation intensity of the acoustic wave generated from said first means for generating an acoustic wave according to the command received by said receiving means.

16. (currently amended) An automatic analyzer for analyzing analysis items corresponding to physical properties of a specimen comprising:

an analysis unit for analyzing the physical properties of said specimen,
a reaction vessel for containing a liquid including containing an analysis item of-said specimen and a reagent corresponding to an analysis item of said specimen,

a first acoustic wave generation means ~~installed for generating an acoustic wave located laterally outside of~~ said reaction vessel for irradiating an acoustic wave toward said reaction vessel,

a second acoustic wave generation means ~~for generating a lower acoustic wave which is irradiated for irradiating a lower acoustic wave from a bottom of the reaction vessel towards a liquid level of said analysis item~~ liquid so as to raise a part of said liquid level by an acoustic radiation pressure of said lower acoustic wave, and

a control means for controlling at least one of a position, an angle and an intensity for irradiation of the acoustic wave by said first acoustic wave generating means ~~for generating an acoustic wave according to [[a]]~~ said liquid level of said analysis item,

wherein said part of the liquid level raised by said acoustic wave from said second acoustic wave generation means for generating a lower acoustic wave is irradiated with ~~the~~ said acoustic wave from said first acoustic wave generation means ~~for generating an acoustic wave by controlling said at least one of said position, said angle and said intensity of acoustic wave irradiated from said first means for generating an acoustic wave.~~